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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)				APPLICANTS: Malcolm King			
				FILING DATE August 25, 2000		GROUP 1615 1619	
U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
XQW	1.	King, M., and B.K. Rubin. 1996. Mucus physiology and pathophysiology: Therapeutic aspects. Chapter 13 of: Derenne, J.P., W.A. Whitelaw, and T. Similowski, eds. <i>Acute Respiratory Failure in COPD (Lung Biology in Health and Disease Series)</i> Marcel Dekker, New York, 391-411.					
XQW	2.	Rubin, B.K., R.P. Tomkiewicz, and M. King. 1997. Mucoactive agents: Old and new. Chapter 7 of: Wilmott, R.W., ed. <i>The Pediatric Lung</i> . Birkhäuser, Basel, 155-179.					
XQW	3.	Sheffner, A.L. 1963. The reduction <i>in vitro</i> in viscosity of mucoprotein solutions by a new mucolytic agent, N-acetylcysteine. <i>Ann. N. Y. Acad. Sci.</i> 106:298-310.					
XQW	4.	Dasgupta, B., and M. King. 1996. Reduction in viscoelasticity of cystic fibrosis sputum <i>in vitro</i> with combined treatment by Nacystelyn and rhDNase. <i>Pediatr. Pulmonol.</i> 22:161-166.					
XQW	5.	App, E.M., R. Kieselmann, D. Reinhardt, H. Lindemann, B. Dasgupta, M. King, and P. Brand. 1998. Sputum rheology changes in cystic fibrosis lung disease following two different types of physiotherapy: Flutter vs. autogenic drainage. <i>Chest</i> 114:171-177.					
XQW	6.	Feng, W., H. Garrett, D.P. Speert, and M. King. 1998. Improved clearability of cystic fibrosis sputum with dextran treatment <i>in vitro</i> . <i>Am. J. Respir. Crit. Care Med.</i> 157:710-714.					
XQW	7.	Wills, P.J., R.L. Hall, W.M. Chan, and P.J. Cole. 1997. Sodium chloride increases the ciliary transportability of cystic fibrosis and bronchiectasis sputum on the mucus-depleted bovine trachea. <i>J. Clin. Invest.</i> 99:9-13.					
XQW	8.	King, M., B. Dasgupta, R.P. Tomkiewicz, and N.E. Brown. 1997. Rheology of cystic fibrosis sputum after <i>in vitro</i> treatment with hypertonic saline alone and in combination with rhDNase. <i>Am. J. Respir. Crit. Care Med.</i> 156:173-177.					
EXAMINER: Lauren Q. Wells			DATE CONSIDERED: 5/10/01				
*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw Line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

XQW	9.	Shak, S., D.J. Capon, R. Hellmiss, S.A. Marsters, and C.L. Baker. 1990. Recombinant human DNase I reduces the viscosity of cystic fibrosis sputum. <i>Proc. Natl. Acad. Sci. U.S.A.</i> 87:9188-9192.
XQW	10.	Vasconcellos, C.A., P.G. Allen, M. Wohl, J.M. Drazen, and P.A. Janmey. 1994. Reduction in sputum viscosity of cystic fibrosis sputum <i>in vitro</i> by gelsolin. <i>Science</i> 263:969-971.
XQW	11.	Daviskas, E., S.D. Anderson, J.D. Brannan, H.K. Chan, S. Eberl, and G. Bautovich. 1997. Inhalation of dry-powder mannitol increases mucociliary clearance. <i>Eur. Respir. J.</i> 10:2449-2454.
XQW	12.	Shibuya, Y., P.J. Wills, S. Kitamura, and P.J. Cole. 1997. The effects of lactose on mucociliary transportability and rheology of cystic fibrosis and bronchiectasis sputum. <i>Eur. Respir. J.</i> 10:321s.
XQW	13.	Fuchs, H.J., D.S. Borowitz, D.H. Christiansen, E.M. Morris, M.L. Nash, B.W. Ramsey, B.J. Rosenstein, A.L. Smith, and M.E. Wohl. 1994. Effect of aerosolized recombinant human DNase on exacerbations of respiratory symptoms and on pulmonary function in cystic fibrosis. <i>N. Engl. J. Med.</i> 331:637-648.
XQW	14.	Ranasinha, C., B. Assoufi, S. Shak, D. Christiansen, H. Fuchs, D. Empey, D. Geddes, and M. Hodson. 1993. Efficacy and safety of short-term administration of aerosolized recombinant human DNase I in adults with stable stage cystic fibrosis. <i>Lancet</i> 342: 199-202.
XQW	15.	King, M., and B.K. Rubin. 1999. Mucus controlling agents: Past and present. In: Rau, J.L., ed. <i>Aerosolized Drugs for the Respiratory Tract. Respir Care Clinics N Amer.</i> in press.
XQW	16.	Feng, W., S. Nakamura, E. Sudo, M.M. Lee, A. Shao, and M. King. 1999. Effects of dextran on tracheal mucociliary velocity in dogs <i>in vivo</i> . <i>Pulm. Pharmacol. Ther.</i> 12:35-41.
XQW	17.	Lee, M.M., and M. King. 1998. Effect of low molecular weight heparin on the elasticity of dog mucus. <i>Clin. Invest. Med.</i> 21:S 102.
XQW	18.	Lee MM, H. Garrett, E. Sudo, W.A. Boyd, and M. King. 1998. Mucociliary clearance increase due to low molecular weight heparin. <i>Pediatr. Pulmonol.</i> 386:S 17.
XQW	19.	App, E.M., J.G. Zayas, and M. King. 1993. Rheology of mucus and epithelial potential difference: Small airways vs. trachea. <i>Eur. Respir. J.</i> 6: 67-75.
XQW	20.	King, M., S. Kelly, and M. Cosio. 1985. Alteration of airway reactivity by mucus. <i>Respiration Physiol.</i> 62:47-59.
XQW	21.	King, M. 1988. Magnetic microrheometer. In: Braga, P.C., and L. Allegra, eds. <i>Methods in Bronchial Mucology</i> . Raven Press, New York, 73-83.
XQW	22.	King, M. 1987. Role of mucus viscoelasticity in cough clearance. <i>Biorheology</i> 24: 589-597.
XQW	23.	Rubin, B.K., O. Ramirez, J.G. Zayas, B. Finegan, and M. King. 1990. Collection and analysis of respiratory mucus from individuals without lung disease. <i>Am. Rev. Respir. Dis.</i> 141:1040-1043.
XQW	24.	Daviskas, E., S.D. Anderson, I. Gonda, S. Eberl, S. Meikle, J.P. Seale, and G. Bautovich. 1996. Inhalation of hypertonic saline aerosol enhances mucociliary clearance in asthmatic and healthy subjects. <i>Eur. Respir. J.</i> 9:725-732.
XQW	25.	Robinson, M., A. Hemming, J.A. Regnis, D.L. Bailey, M. King, W. Feng, G.J. Bautovich, and P.T.P. Bye. 1998. Improved mucociliary clearance following nebulisation with hypertonic saline in adults with cystic fibrosis. In: Baum, G., ed. <i>Cilia, Mucus and Mucociliary Interactions</i> . Marcel Dekker, New York, 265-280.

XQV	26.	Tomkiewicz, R.P., W.A. Boyd, W. Feng, E.M. App, B.K. Rubin, and M. King. 1997. Tracheal clearance and mucus rheology in healthy dogs after aerosolization of 3% and 7% hypertonic saline. <i>Am. J. Respir. Crit. Care Med.</i> 155:A780.
XQW	27.	Nakamura S, Sudo E, W. Feng, M.M. Lee, W.A. Boyd, and M. King. 1998. Effects of hypertonic saline aerosolization on tracheal mucus clearance and mucus rheology in healthy dogs. <i>Eur. Respir. J.</i> 12(S28): 180s.
XQW	28.	Winters, S.L., and D.B. Yeates. 1997. Role of hydration, sodium, and chloride in regulation of canine mucociliary transport system. <i>J. Appl. Physiol.</i> 83:1360-1369.
XQW	29.	Tomkiewicz, R.P., E.M.App, G.T. De Sanctis, M. Coffiner, P. Maes, B.K. Rubin, and M. King. 1995. A comparison of a new mucolytic N-acetylcysteine L-lysinate with N-acetylcysteine: Airway epithelial function and mucus changes in dog. <i>Pulm. Pharmacol.</i> 8:259265.
XQW	30.	Sudo, E., M.M. Lee, W.A. Boyd, and M. King. 1998. Effect of methacholine and uridine-5' triphosphate on tracheal mucus rheology in mice. <i>Pediatr. Pulmonol.</i> 17:229.
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XQW	32.	King, M., A. Ghahary, R. Franklin, M. Hirji, D. Malchenko, W.A. Boyd, H. Garrett, and M.M. Lee. 1999. Studies on aerosolized low mol. wt. heparin as a mucokinetic agent in dogs. <i>Am. J. Respir. Crit. Care Med.</i> 159:A474.
XQW	33.	Bjork, S., E. Jennische, A. Dahlstrom, and H. Ahlman. 1997. Influence of topical rectal application of drugs on dextran sulfate-induced colitis in rats. <i>Dig. Dis. Sci.</i> 42:824-832.
XQW	34.	Lorentsen, K.J., C.W. Hendrix, J.M. Collins, D.M. Kornhauser, B.G. Petty, R.W. Klecker, C. Flexner, R.H. Eckel, and P.S. Lietman. 1989. Dextran sulfate is poorly absorbed after oral administration. <i>Ann. Int. Med.</i> 111: 561-566.